

FIG.1 104 IMAGE PROCESSING APPARATUS 109

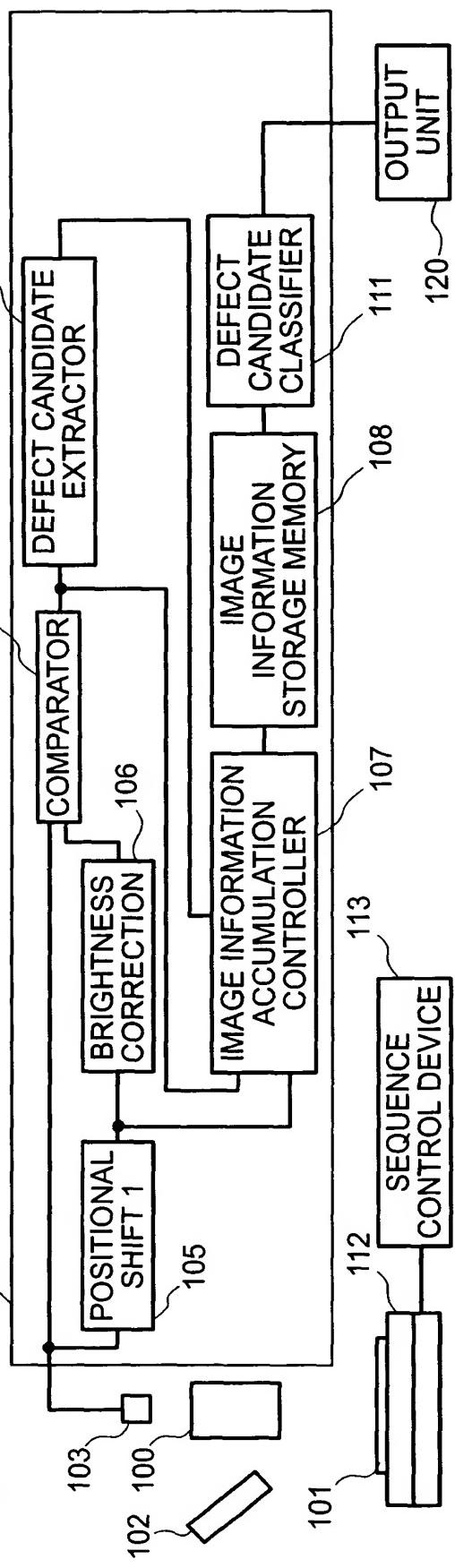


FIG.2

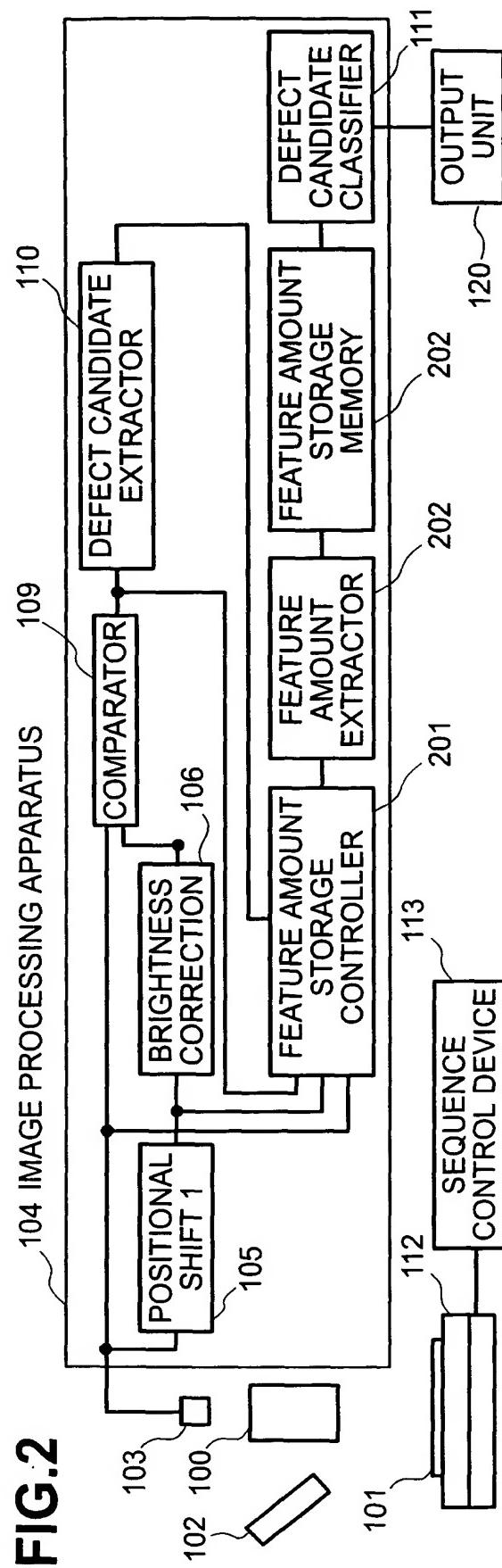


FIG.3 (a)

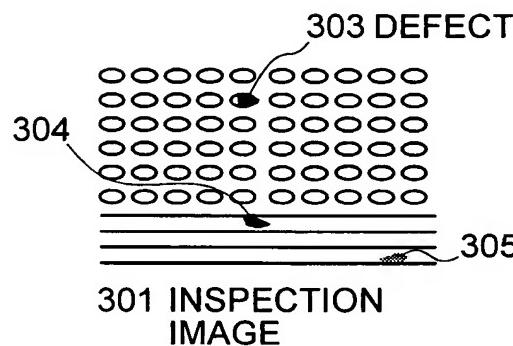


FIG.3 (b)

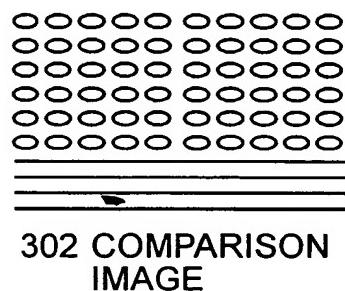


FIG.3 (c)



FIG.3 (d)

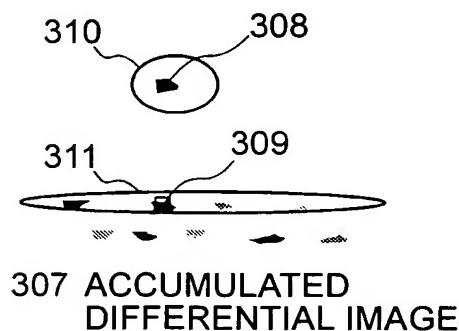
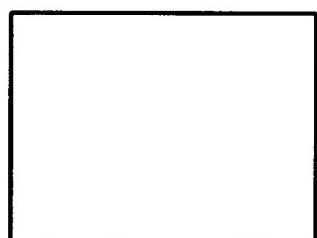


FIG.4 (a)



401 DISPERSION MAP

FIG.4 (b)

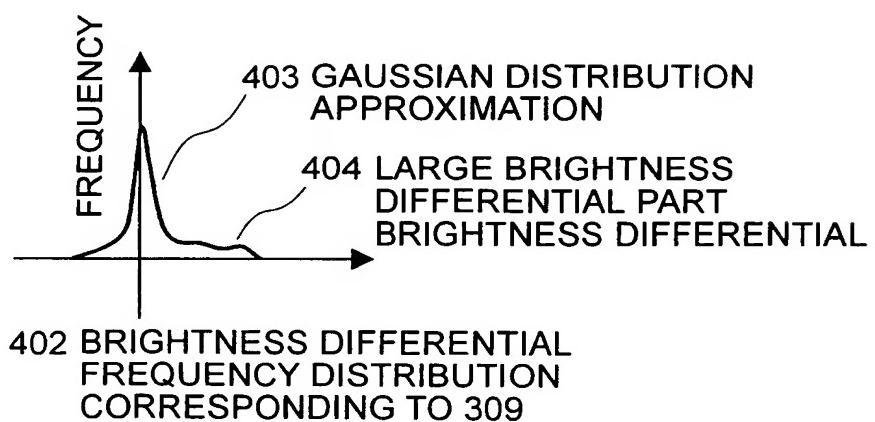


FIG.5 (a)

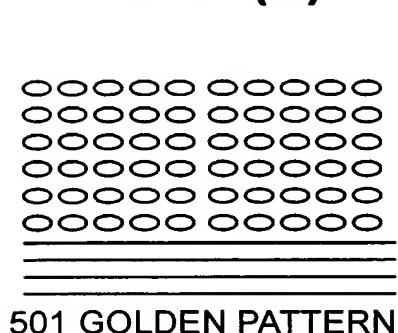


FIG.5 (b)

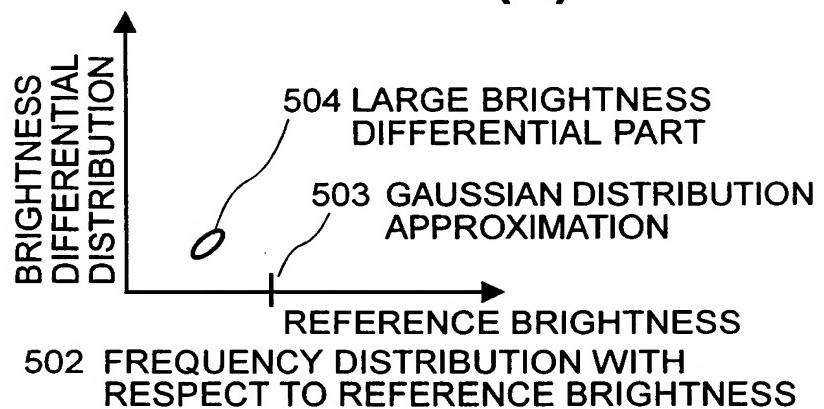


FIG.5 (c)

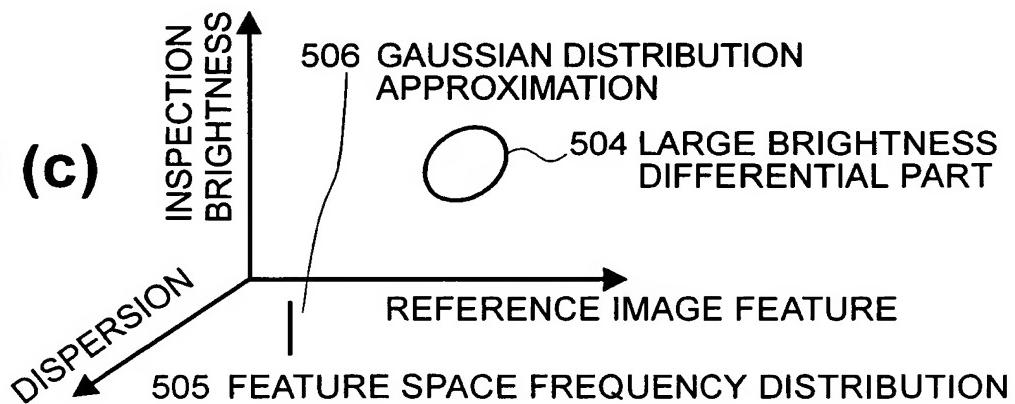


FIG.6

EXTRACTION OF DEFECT CANDIDATES AND
LARGE DIFFERENTIAL IMAGE REGIONS.

SETTING OF GROUPING REGIONS PRODUCED
BY GROUPING NEIGHBORING REGIONS
ACCORDING TO DEFECT CANDIDATES AND
LARGE DIFFERENTIAL IMAGE REGIONS.

FOR EACH DEFECT
CANDIDATE

CALCULATION OF FEATURE AMOUNTS ON THE
BASIS OF DIFFERENTIAL IMAGE BRIGHTNESS
CORRECTED ACCORDING TO THE DISTRIBUTION
OF THE DIFFERENTIAL IMAGE BRIGHTNESS OF
THE GROUPING REGIONS TO WHICH THE
DEFECT CANDIDATES BELONG.

USING CALCULATED FEATURE AMOUNTS
TO DETERMINE WHETHER THE DEFECT
CANDIDATES ARE ACTUAL DEFECTS.

FIG.7

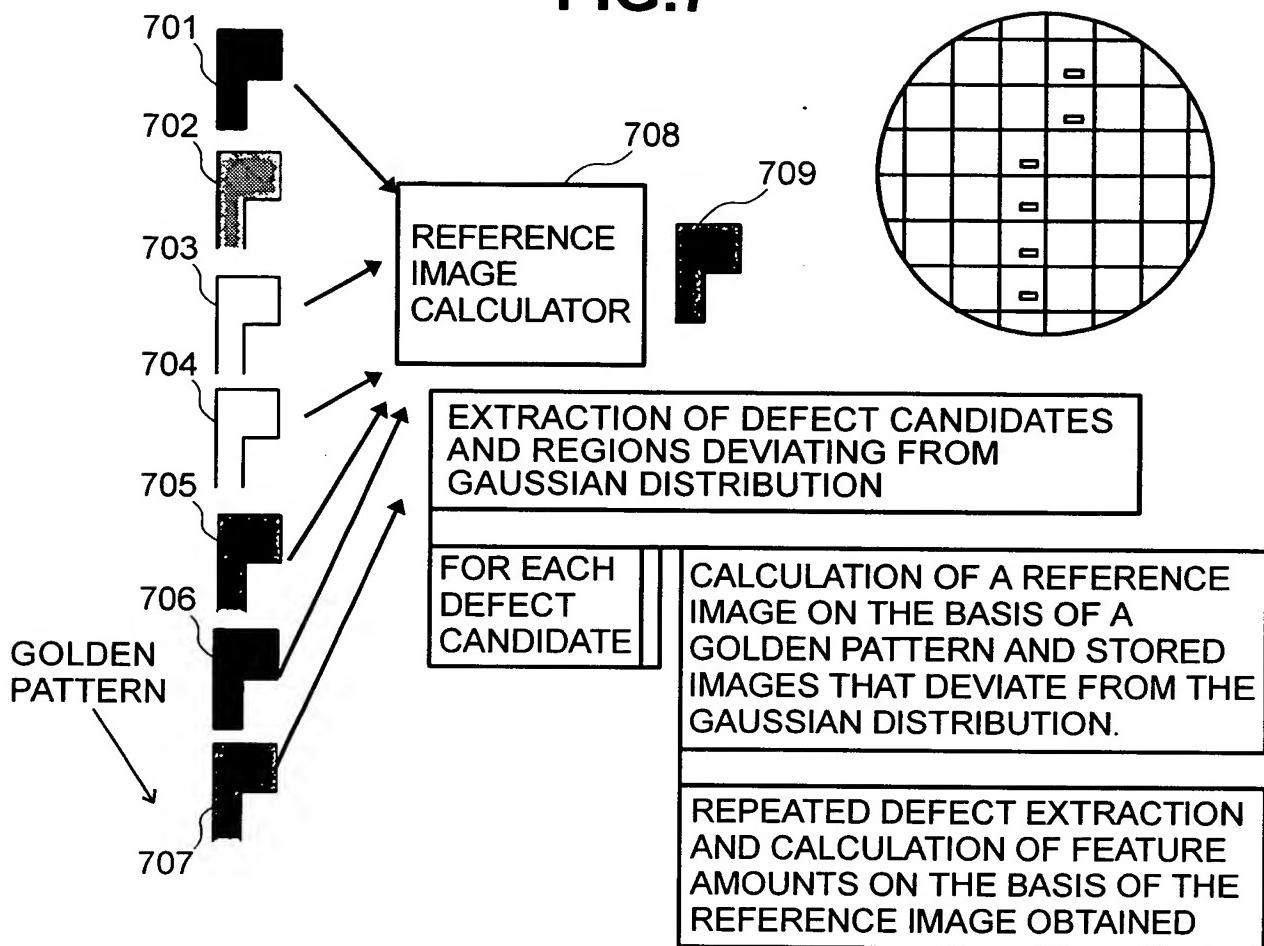


FIG.8

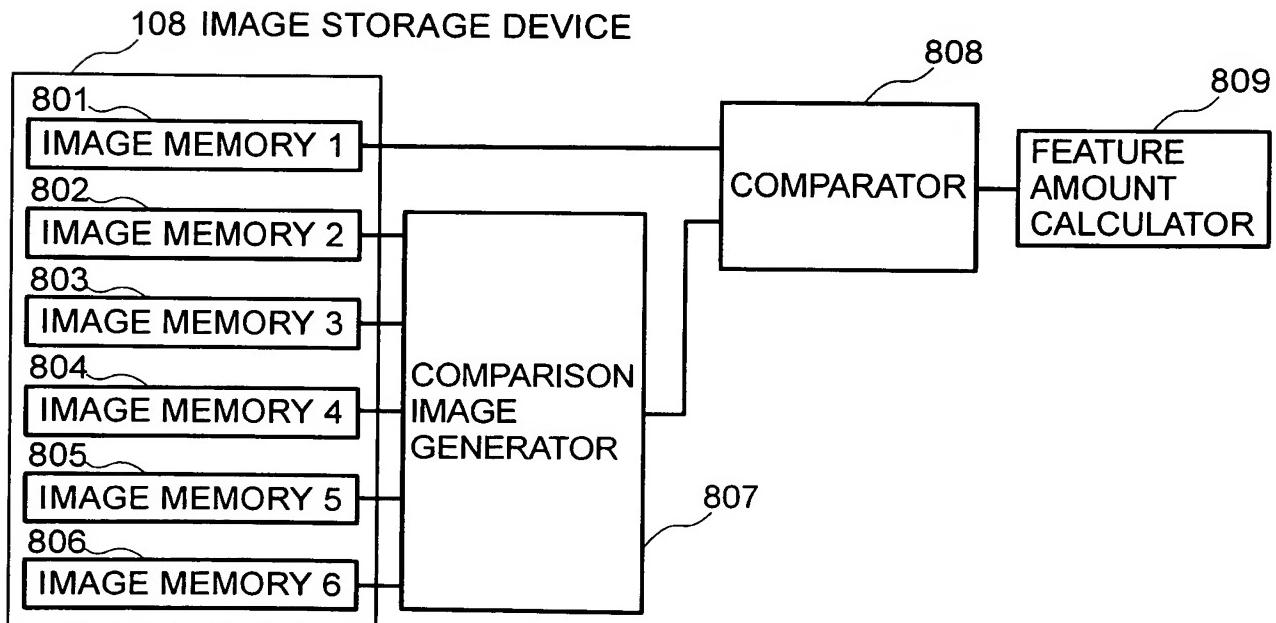


FIG.9

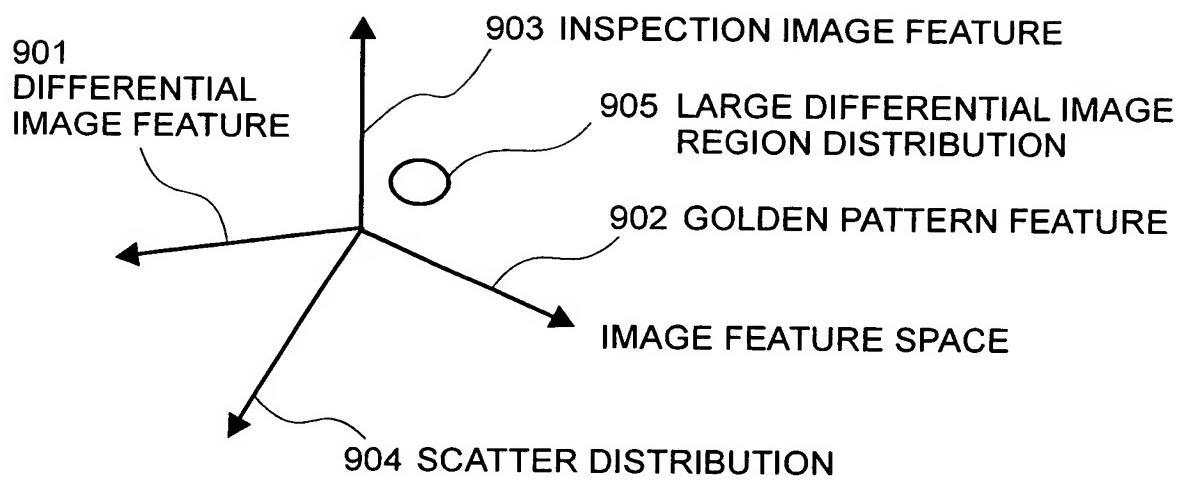


FIG.10

